

## Average relative humidity and departures from the normal.

Districts.	Average	Departure from the normal.	Districts.	Average	Departure from the normal.
New England	69	- 4	Missouri Valley	52	- 3
Middle Atlantic	68	+ 1	Northern Slope	58	- 2
South Atlantic	74	+ 2	Middle Slope	59	+ 2
Florida Peninsula	80	+ 6	Southern Slope	63	+ 8
East Gulf	76	+ 6	Southern Plateau	42	+ 12
West Gulf	77	+ 5	Middle Plateau	45	+ 1
Ohio Valley and Tennessee	67	+ 12	Northern Plateau	50	- 7
Lower Lake	70	0	North Pacific	77	+ 6
Upper Lake	72	- 1	Middle Pacific	61	- 8
North Dakota	66	- 2	South Pacific	65	- 3
Upper Mississippi Valley	67	- 1			

## Average cloudiness and departures from the normal.

Districts.	Average	Departure from the normal.	Districts.	Average	Departure from the normal.
New England	5.1	- 0.2	Missouri Valley	5.1	- 0.3
Middle Atlantic	4.8	- 0.4	Northern Slope	4.2	- 1.2
South Atlantic	5.1	+ 0.7	Middle Slope	5.2	+ 0.8
Florida Peninsula	3.0	- 0.9	Southern Slope	5.1	+ 0.9
East Gulf	5.8	+ 1.3	Southern Plateau	2.7	+ 0.4
West Gulf	5.6	+ 0.4	Middle Plateau	3.3	- 1.2
Ohio Valley and Tennessee	5.8	+ 0.5	Northern Plateau	3.9	- 2.4
Lower Lake	6.0	+ 0.5	Northern Pacific	5.8	- 0.7
Upper Lake	5.9	+ 0.2	Middle Pacific	3.5	- 1.1
North Dakota	5.0	- 0.5	South Pacific	2.5	- 1.4
Upper Mississippi Valley	5.2	- 0.3			

## CLIMATOLOGICAL SUMMARY.

By Mr. JAMES BERRY, Chief of the Climatological Division.

## TEMPERATURE AND PRECIPITATION BY SECTIONS, APRIL, 1908.

In the following table are given, for the various sections of the Climatological Service of the Weather Bureau, the average temperature and rainfall, the stations reporting the highest and lowest temperatures with dates of occurrence, the stations reporting greatest and least monthly precipitation, and other data, as indicated by the several headings.

The mean temperatures for each section, the highest and

lowest temperatures, the average precipitation, and the greatest and least monthly amounts are found by using all trustworthy records available.

The mean departures from normal temperature and precipitation are based only on records from stations that have ten or more years of observation. Of course the number of such records is smaller than the total number of stations.

Section.	Temperature—in degrees Fahrenheit.						Precipitation—in inches and hundredths.					
	Section average.	Departure from the normal.	Monthly extremes.				Section average.	Departure from the normal.	Greatest monthly.		Least monthly.	
			Station.	Highest.	Date.	Station.			Station.	Amount.		
Alabama	66.9	+ 4.2	Evergreen	94	6	Riverton	26	4	5.84	+ 1.79	Thomasville	12.25
Arizona	61.0	- 0.1	Casagrande	102	28	Williams	13	2	0.60	+ 0.13	Natural Bridge	2.73
Arkansas	63.8	+ 1.9	Parker	102	12	Bergman	24	30	6.32	+ 2.14	Mena	13.76
California	58.4	+ 2.1	Warren	98	8	Tamarack	4	12	0.67	- 1.31	Monumental	5.28
Colorado	44.2	+ 1.2	Mammoth Tauk	104	30	Hains Peak	6	4	0.90	- 1.12	2 stations	4.27
Florida	75.4	+ 6.3	Las Animas	90	22	Macclellan	37	4	3.94	+ 0.87	Clermont	11.35
Georgia	67.5	+ 4.7	3 stations	99	3 d't's	Clayton	27	4	6.89	+ 3.70	Marshallville	13.91
Hawaii	69.8	+ 8.1	3 stations	95	10	Hunuuals, Hawaii	32	dates	5.88	-	Olaa, Hawaii	28.06
Idaho	46.7	+ 2.1	Kihel, Maui	89	4, 6, 9	Lake	6	2	0.83	- 0.37	Landore	3.15
Illinois	52.4	+ 0.7	Orofino	92	19	Laanark	19	2	4.41	+ 1.11	Chester	8.86
Indiana	52.7	+ 0.6	Chester	93	20	Zion	19	3	4.37	+ 1.22	Rome	8.40
Iowa	50.5	+ 2.0	Rome	87	22	Fort Wayne	18	4, 5	2.24	- 0.55	Inwood	4.59
Kansas	56.1	+ 1.0	Onawa	91	19	Fort Dodge	8	2	2.06	- 0.58	Columbus	6.86
Kentucky	59.8	+ 1.8	Coolidge	93	22	Wallace	8	2	4.17	- 0.22	Frankfort	8.61
Louisiana	71.7	+ 4.9	Marion	89	25	Shelby City	23	8	2.36	- 0.86	Williamsburg	3.40
Maryland and Delaware	54.6	+ 2.9	Baton Rouge	96	11	Williamstown	23	8	6.56	+ 3.10	New Orleans	8.29
Michigan	43.2	+ 0.6	Cambridge, Md.	90	26	Minden	36	30	2.53	+ 0.36	Taneytown, Md.	1.07
Minnesota	45.2	+ 1.8	East Tawas	89	22	Oakland, Md.	19	3	5.28	- 0.86	Grand Rapids	4.87
Mississippi	68.6	+ 4.6	Halstad	93	21	Humboldt	18	3	2.55	+ 0.40	Winnebago	4.55
Missouri	56.6	+ 1.2	Hattiesburg	92	9	Hallock	8	2	5.28	+ 1.11	Waynesboro	15.09
Montana	45.4	+ 2.9	Linnens, Warsaw	90	20	Ripley	30	4	5.30	+ 1.68	Enterprise	1.98
Nebraska	51.5	+ 2.4	Forsythe	93	20	3 stations	18	2	0.89	- 0.39	Linneus	0.37
Nevada	50.1	+ 3.0	Halsey	96	22	Chinook	18	1	1.26	- 1.35	Snowshoe	4.91
New England*	42.8	- 0.6	Las Vegas	91	18	Hay Springs	1	2	1.26	- 1.35	Norfolk	3.43
New Jersey	51.2	+ 1.8	Logan	91	18, 19	Quinn River Ranch	4	1	0.33	- 0.44	Battle Mountain	1.75
New Mexico	52.3	+ 0.1	Norfolk, Mass.	90	23	Van Buren, Me.	- 4	10	2.28	- 0.61	Woodstock, Vt.	4.89
New York	43.2	- 0.4	Browns Mills	93	26	Leyton	13	5	2.72	- 0.72	Charlottesville	3.86
North Carolina	62.1	+ 4.4	Monument	90	8, 9	Vermijo Park	3	5	1.51	+ 0.46	Red River	4.40
North Dakota	48.9	+ 2.6	Athens	88	23	Keepewa	- 5	5	2.89	+ 0.25	Baldwinsville	5.82
Ohio	51.0	+ 1.4	Lumberton	92	11	8 stations	23	8, 4	3.12	- 0.66	Sapphore	7.63
Oklahoma	60.0	0.0	Amenia, Mayville	91	21	White Earth	- 19	6	1.47	- 0.11	Gladys	3.76
Oregon	50.2	+ 1.5	Demos	91	24	Garrettsville	16	4	3.69	+ 0.82	Coifton	6.80
Pennsylvania	49.8	+ 1.5	Okene	92	17	Kenton	19	2	5.11	+ 2.48	Meeker	10.99
Porto Rico	74.7	-	Dayville	92	11	Christmas Lake	9	4	1.81	- 0.97	Buffalo	11.07
South Carolina	66.6	+ 4.9	3 stations	89	24	Conoco Lake	0	16	3.51	+ 0.48	Cliff	0.11
South Dakota	49.0	+ 3.0	Bayamon	98	22, 25	Aibonito	51	20	3.88	-	Chazy	0.45
Tennessee	62.1	+ 3.9	Walterboro	95	10	Liberty	31	4	4.75	+ 1.38	Louisburg	1.06
Texas	67.0	+ 0.5	Armour	97	14	Bowdle	- 1	2	2.00	- 0.18	Gladys	0.12
Utah	49.4	+ 2.1	St. George	89	13, 28	Ottumwa	- 1	2	2.00	- 0.18	Hedges	1.65
Virginia	57.3	+ 3.8	Arvonia	98	24	Plemons	21	2	5.08	+ 2.03	McIntosh	1.42
Washington	49.4	+ 0.7	Zindel	90	19	Henefer	1	1	0.49	- 0.80	Southampton	1.10
West Virginia	54.8	+ 3.4	4 stations	92	24	Morgan	1	1	1.00	-	Pleasantville	1.42
Wisconsin	45.2	+ 0.8	Manitowoc	87	22	Blacksburg	20	3	2.81	- 0.48	Charlottesville	0.11
Wyoming	48.2	+ 3.2	Basin	87	20	Burkes Garden	20	3	2.23	- 0.24	Buffalo	0.11
						Republic	15	1	4.30	+ 0.55	Enterprise	0.45
						Pickens	18	3	4.30	+ 0.55	Linneus	1.06
						Long Lake	- 9	3	3.48	+ 1.04	Snowshoe	4.91
						Norris, Y. N. P.	- 19	2	0.89	- 0.52	Norfolk	3.43

\* Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut. † 51 stations, with an average elevation of 710 feet. ‡ 147 stations.

## DESCRIPTION OF TABLES AND CHARTS.

By Mr. F. C. DAY, Assistant Chief, Division of Meteorological Records.

For description of tables and charts see page 8 of Review for January, 1908.